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**EXPRESS MAIL CERTIFICATE**

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DATE OF DEPOSIT NOVEMBER 7, 2001

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FOR PATENTS, BOX PATENT APPLICATION, WASHINGTON, DC 20231.

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Attorney Docket No. 1276

November 7, 2001

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

**UTILITY PATENT APPLICATION TRANSMITTAL**

Inventor(s): Jung et al.

Title: Improved Grain Quality Through Altered Expression of Seed Proteins

**APPLICATION ELEMENTS**

1.  Fee Transmittal Form (Submit an original, and a duplicate for fee processing)
2.  Specification [Total Pages 77]  
(Preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 USC 113) [Total Sheets \_\_\_\_\_]  
a.  Formal  
b.  Informal

Attorney Docket No.

4.  Oath or Declaration [Total Pages       ]  
a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 16 completed)  
i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

5.  Microfiche Computer Program (Appendix)

6.  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  
a.  Computer Readable Copy  
b.  Paper Copy (identical to computer copy) [Total Pages 10]  
c.  Statement verifying identity to above copies

**ACCOMPANYING APPLICATION PARTS**

7.  Assignment Papers (cover sheet & document(s))

8.  37 CFR 3.73(b) Statement  Power of Attorney  
(where there is an assignee)

9.  English Translation Document (if applicable)

10.  Information Disclosure Statement (IDS/PTO-1449)  Copies of IDS Citations

11.  Preliminary Amendment

12.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

13.  Small Entity Statement(s)  Statement filed in prior application  
Status still proper and desired

14.  Certified Copy of Priority document(s)

15.  Other: Application Data Sheet  
Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)

Attorney Docket No. \_\_\_\_\_

16. If a **CONTINUING APPLICATION**, check the appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation     Divisional     Continuation-in-part (CIP) of prior application No. \_\_\_\_\_.

Prior application information: Examiner \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For **CONTINUATION or DIVISIONAL APPS only**: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label: 27310  
(Insert Customer No. or Attach bar code label here)  
or

Correspondence address below

Name: Kathryn K. Lappegard

Address: Pioneer Hi-Bred International, Inc.  
Corporate Intellectual Property  
7100 N.W. 62<sup>nd</sup> Avenue  
P.O. Box 1000

City      Johnston      State:      Iowa      Zip Code:      50131-1000

Country:      USA      Phone:      (515) 253-5707      Facsimile:      (515) 334-6883

## 18. FEE CALCULATION

The total fee is calculated as shown below:

Basic Filing Fee					\$ 740.00
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Total Claims	79 - 20	=	59	x	\$ 18.00	1,062.00
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Independent Claims	27 - 3	=	24	x	\$ 84.00	2,016.00
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<input type="checkbox"/> Multiple Dependent Claims present		+	\$280.00	\$
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TOTAL FILING FEE		\$3,818.00
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Attorney Docket No.

- Charge \$3,818.00 to Deposit Account No. 16-1852.
- The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required by this paper, or credit any overpayment, to our Deposit Account No. 16-1852.
- A duplicate of this transmittal is enclosed

Respectfully submitted,



Kathryn K. Lappegard  
Agent for Applicant(s)  
Registration No. 46,857

PIONEER HI-BRED INTERNATIONAL, INC.  
Corporate Intellectual Property  
7100 N.W. 62<sup>nd</sup> Avenue  
P.O. Box 1000  
Johnston, Iowa 50131-1000  
Phone: (515) 253-5707  
Facsimile: (515) 334-6883

**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

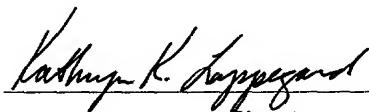
First Named Inventor		Rudolf Jung
Title	Improved Grain Quality Through Altered Expression of Seed Proteins	
Atty Docket Number	1276	

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Nov. 6, 2001

Date



Signature

Kathryn K. Lappégaard

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

10563410-1103-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Jung et al. for "Improved Grain quality Through Altered Expression of Seed Proteins"

**CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. §1.10**

Express Mail Label Number: EL213567268US

Date of Deposit: November 7, 2001

I hereby certify that the attached is being mailed by being deposited with the United States Postal Service as Post-Office-to-Addressee Express Mail addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

  
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TRACY WESTPHAL

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DATE

11-7-01

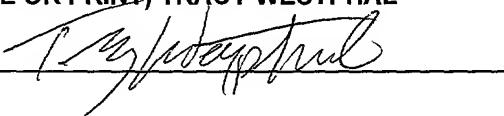
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FOR PATENTS, BOX PATENT APPLICATION, WASHINGTON, DC 20231.

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SIGNATURE



Attorney Docket No. 1276

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jung et al. Date: November 7, 2001

Serial No.: Group Art Unit:

Filed November 7, 2001 Examiner:

For: Improved Grain Quality Through Altered Expression of Seed Proteins

Assistant Commissioner for Patents  
Box Sequence  
Washington, D.C. 20231

**STATEMENT TO SUPPORT FILING AND SUBMISSION IN ACCORDANCE  
WITH 37 CFR §§1.821 THROUGH 1.825**

- I hereby state that the contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 CFR §1.821(c) and (e), respectively, are the same.
- I hereby state that the submission filed in accordance with 37 CFR §1.821(g) does not include new matter.
- I hereby state that the submission filed in accordance with 37 CFR §1.821(h) does not include new matter or go beyond the disclosure in the international application as filed.

- I hereby state that the amendments, made in accordance with 37 CFR §1.825(a), included in the substitute sheet(s) of the Sequence Listing are supported in the application, as filed, at pages \_\_\_\_\_. I hereby state that the substitute sheet(s) of the Sequence Listing does (do) not include new matter.
- I hereby state that the substitute copy of the computer readable form, submitted in accordance with 37 CFR §1.825(b), is the same as the amended Sequence Listing.
- I hereby state that the substitute copy of the computer readable form, submitted in accordance with 37 CFR §1.825(d), is identical to that originally filed.

Respectfully submitted,



Kathryn K. Lappgard  
Agent for Applicant(s)  
Registration No. 46,857

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